



LAKE QUALITY COMMISSION MINUTES MARCH 18, 2015

CALL TO ORDER A meeting of the Lake Quality Commission was held on March 18, 2015, at the Maple Grove Government Center, 12800 Arbor Lakes Parkway, Maple Grove, Minnesota. Chairperson Fahrenbruch called the meeting to order at 6:30 p.m.

Commissioners Present: Becky Fahrenbruch, Zachary Saulter, George Schneider, Nancy Bergstrand, Steve Lane, Sharon Martin-Kotula, Dan Vogtman, Mike Newman, Joe Randall and Catherine Thompson.

Commissioners Absent: Kurt Paulsen and Roger Granberg.

Other's present included: Councilmember Karen Jaeger, Rick Lestina, Mark Lahtinen, James Johnson of Freshwater Science, Wade Quale from Rice Lake and Adam Bedard of the Arbor Committee.

APPROVAL OF MINUTES Minutes of the February 18, 2015 meeting of the Lake Quality Commission were reviewed for accuracy.

A MOTION WAS MADE BY DAN VOGTMAN, SECONDED BY MIKE NEWMAN TO APPROVE THE MINUTES OF THE FEBRUARY 18, 2015 MEETING OF THE LAKE QUALITY COMMISSION. MOTION PASSED UNANIMOUSLY.

AREA REPORTS Rick Lestina reported that the plug was back in Rice Lake now and it is already starting to rise.
Mike Newman had nothing to report.
Joe Randall had nothing to report.
George Schneider noted that KSTP and Channel 12 had both done reports on the Rice Lake draw down. He also stated that some dead fish had been seen, especially near the dam, mostly smaller carp.
Sharon Martin-Kotula stated that the signs had been taken off Lake Edward and that no dead fish had been sighted.
Zachary Saulter had nothing to report.
Dan Vogtman had nothing at this time.
Nancy Bergstrand had nothing to report.
Steve Lane had nothing to report.
Mark Lahtinen mentioned that the lakes are among the lowest levels in 25 years of reporting.
Karen Jaeger has been walking around Rice Lake and the smell is really bad. She has had several people asking her why it is so bad.
Becky Fahrenbruch reported that the ice is melting on Eagle Lake but mostly around the edges. Maple Grove Magazine called to ask about the storm drain marking and educational opportunities. That may lead to another article possibly.



DISCUSSION OF 2015 LAKE IMPROVEMENT PROGRAM APPLICATIONS AND BUDGET

Becky began the discussion with explaining to the new Commissioners the process of going through each application and adjusting amounts according to the budget. Rick further explained that the projects that are related to improving water quality are more a priority to the City as noted on his spreadsheet.

The Commissioners then proceeded to describe each of the projects they had submitted an application for.

Eagle Lake

Becky began by discussing the Eagle Lake application for educational materials at Thoresen Park stating that their Association is willing to pay for half the materials as they feel this is a really important project.

Rice Lake

George continued with the Rice Lake projects passing out an additional handout with estimates of cost. He stated that they would probably do 2 stockings of fish, 1 in the spring and 1 later on for more adult fish. Because most of the fishing on Rice Lake is done by nonresidents, the Association does not feel they should fund as much as the City. Aeration will help ensure the success of the restocking efforts going forward.

Mark Lahtinen stated that the City tries to control the Carp and Northern movement by opening and closing the flappers under Weaver Lake Road. Dan Vogtman brought up his concern with the debris that could collect around the carp nets within sight of people using the trail. George stated that they are aware that they will need to be cleaning and monitoring that area more often. James Johnson of Freshwater Science explained that he will be involved as well and didn't expect it to be a major problem and that it will be cleaned up. James also stated that this was a very inexpensive way to control this issue vs. the different ways other cities use.

George's other request for the shoreline erosion assessment has already been done this past year and they are now just looking to get reimbursed.

Weaver Lake

Nancy explained control of Curlyleaf project on Weaver stating that they will never totally eradicate the problem but the one year they did not treat, it came back worse than ever so they do not want that to happen again. They treat up to 31 acres and need to apply for a variance from the DNR. Discussion followed regarding if Curlyleaf affects water quality or not. James went into detail on past projects and the results achieved between years treated and those not, as well as the types of treatment. Nancy did reduce the amount of the total cost from \$11,000 to \$10,000. Dan asked if any lake has applied for DNR grant dollars for Curlyleaf. This could take care of 1/3 the funding.

Her 2nd application for Milfoil control, staff felt was more aesthetic than anything. Weaver has in the past controlled this with volunteers hand harvesting the Milfoil and



the following year have found none. Nancy explained that they would only need this funding if Milfoil was found this year. James does not think they will find any and if they do they will hand pull it.

The 3rd application for plant mapping and monitoring was explained by James as a different type of survey/mapping that needs to be done.

Cedar Island

Steve's first project is for the insurance for the aeration that only runs in the winter. Zach and Dan stated the DNR Grants will not pay on any bills already paid and were concerned that they were not applying before doing the work to get the funding.

The 2nd project for control of Curlyleaf is important as this could become a bigger problem than originally assessed. The DNR issues the permits and works with the vendor as to where to treat. Rick added that it was very important to re-establish native plant life after the treatments.

As for his 3rd and 4th applications, these were removed as they may be premature.

Fish Lake

Joe explained that for their first application for aquatic invasive species inspector they were trying to work with 3 Rivers to fund the total project and are just waiting to hear back. This project may be able to be taken off.

As for the 2nd application, walleye stocking, this was done in 2013 and the fish seem to be surviving. Joe felt this should be more of a DNR project, not a FLARA or City expense. He would like to see the DNR take over this long term. James reminded Joe that by bringing the walleye in, more people will come and that could possibly bring in more nuisance species as well.

Their 3rd request for additional street sweeping is normally done by a contractor hired by the City in the spring and fall, as well a one sweeper that the City owns that is constantly going around the City streets. This will be discussed with Public Works.

Lake Edward

Sharon explained the 1st and 2nd applications for fish stocking and consulting services. As for the 3rd application, Sharon stated they are getting a considerable amount of Curlyleaf but she will rework the numbers. The 4th request is for reimbursement for the aeration costs from the past winter.

City-Wide

The buffer maintenance for the Arbor Lakes area is no problem and usually done by Roger Granberg along with Boy Scouts.

The 2nd request has been a project that Mike Newman has worked on and will be expanded to other lakes as well. And the 3rd item will be addressed by Becky and



Rick.

Commissioners discussed each application and adjusted the amounts if necessary and agreed upon. They also continued discussion on the walleye stocking of Fish Lake versus the problem of bringing in invasive species, as well as finding other ways of funding projects.

The Commission requested that next year a report be presented at the February meeting showing how many dollars were approved vs. what actually was spent. This information will be used for the March LIP meeting.

The following is the 2015 Lake Improvement Program Application Summary as approved by the Lake Quality Commission.

	Lake Association Investment	City LQC Investment	Total Co
Eagle Lake			
Education Materials Provided for Thoresen Park	\$1,500	\$1,500	\$3,
Rice Lake			
Fish Stocking	\$2,500	\$5,000	\$7,
Carp Barrier	\$1,000	\$500	\$1,
Shoreline Erosion Assessment	\$750	\$2,200	\$2,
Weaver Lake			
Assessment & Chemical Control of Curlyleaf Pondweed	\$2,500	\$7,500	\$10,
Assessment & Chemical Control of Eur. Water Milfoil	\$1,750	\$1,750	\$3,
Plant Mapping & Lake Monitoring	\$1,266	\$2,534	\$3,
Cedar Island Lake			
Liability Insurance for Aeration Equipment	\$316	\$632	\$
Chemical Control of Curlyleaf Pondweed	\$912	\$3,648	\$4,
Fish Lake			
Aquatic Invasive Species Inspector	\$800	\$3,200	\$4,
Walleye Stocking	\$2,160	\$1,440	\$3,
Pike Lake			
Edward Lake			
Fish Stocking	\$63	\$187	\$
Consulting Services	\$110	\$110	\$
Chemical Control of Curlyleaf Pondweed	\$800	\$2,400	\$3,
Aeration Equipment Utility Costs	\$72	\$216	\$



City Wide Projects

West Arbor Lake Buffer Maintenance		\$300	\$
Storm Drain Marking, Education and Adoption		\$5,000	\$5,
Individual Water Quality Improvement Projects	\$4,000	\$4,000	\$8,
Sub Total		\$20,499	\$42,117
Water Quality Monitoring by Blue Water Science		\$10,000	\$62,
Total City Investment		\$52,117	

A MOTION WAS MADE BY DAN VOGTMAN, SECONDED BY MIKE NEWMAN TO RECOMMEND TO CITY COUNCIL THE APPROVAL OF THE 2015 LAKE IMPROVEMENT PROGRAM EXPENSES AS SUPPORTED BY THE LAKE QUALITY COMMISSION. MOTION PASSED UNANIMOUSLY.

ADJOURNMENT

A MOTION WAS MADE BY JOE RANDALL, SECONDED BY MIKE NEWMAN TO ADJOURN THE MARCH 18, 2015 MEETING OF THE LAKE QUALITY COMMISSION. MOTION PASSED UNANIMOUSLY AND THE MEETING WAS ADJOURNED AT 8:51 P.M.